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Manzano
Reserve
Flat
Folio

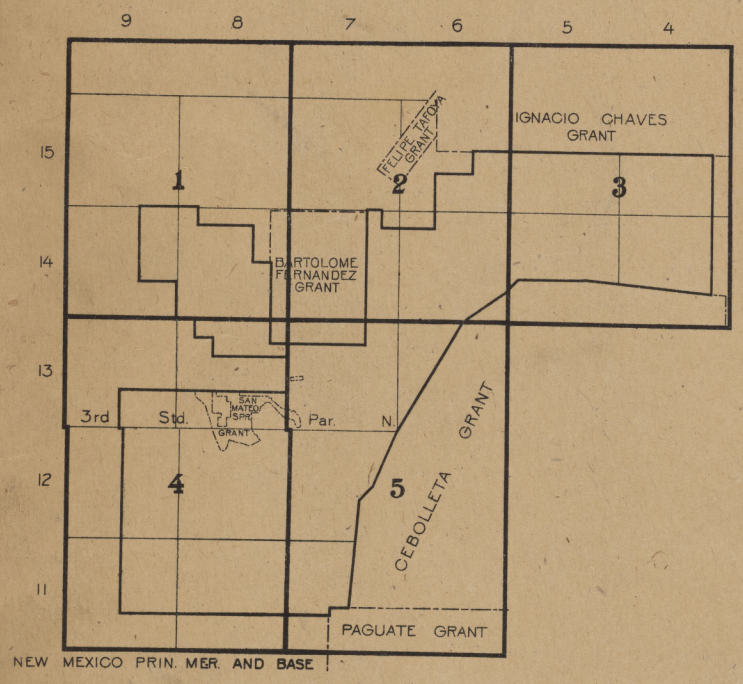
U. S. Department of Agriculture
FOREST SERVICE
GIFFORD PINCHOT, Forester

FOREST ATLAS

OF THE

NATIONAL FORESTS OF THE UNITED STATES

MANZANO



NEW MEXICO PRIN. MER. AND BASE

NEW MEXICO PRIN. MER. AND BASE

FOLIO

USDA
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GEORGE OTIS SMITH, DIRECTOR

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FOREST ATLAS

GENERAL CLASSIFICATION

Commercial Timber

- Less than 2,000 B.F. per acre
- 2,000 to 5,000 B.F. per acre
- 5,000 to 10,000 B.F. per acre
- 10,000 to 25,000 B.F. per acre
- 25,000 to 50,000 B.F. per acre

- Woodland, cordwood, poles, etc.
- Chaparral or brush
- Sagebrush
- Grassland, parks, etc.
- Barren, above timber line, etc.
- Desert
- Burn, not restocking
- Burn, scattering trees or restocking
- Burn, forest cover established (The color indicates the stand)
- Windfall
- Bug-killed or diseased
- Old cutting, less than $\frac{1}{3}$ of the merchantable timber removed
- Old cutting, $\frac{1}{3}$ to $\frac{2}{3}$ of the merchantable timber removed
- Old cutting, $\frac{2}{3}$ to all of the merchantable timber removed

- Timber sales, less than $\frac{1}{3}$ of the merchantable timber removed
- Timber sales, $\frac{1}{3}$ to $\frac{2}{3}$ of the merchantable timber removed
- Timber sales, $\frac{2}{3}$ to all of the merchantable timber removed

- Cultivated
- Irrigated

TITLE

- Ⓐ State lands, approved
- ○ State lands, not approved
- I Indian allotments
- L Lieu selections
- PB Pending base
- RP Railway lands, patented
- R Railway lands, not patented
- HP Homesteads, patented
- H Homesteads, not patented
- CE Cash entry
- T Timber and stone
- C Coal entry
- D Desert entry
- TE Townsite entry

- Mineral lode claims, patented
- P Mineral placer claims, patented
- M Mineral mill site, patented
- MC Mineral classification

GRAZING MAP LEGEND

- Supervisor's headquarters
- Supervisor's division
- Ranger's division
- Grazing districts
- Open for all stock
- Open for cattle and horses only
- Open for sheep and goats only
- Closed for all stock
- Lambing grounds
- Driveways for stock
- Corral

CONVENTIONAL SIGNS

- Block line
- Compartment line, sales
- Boundary line for all other classifications
- Grant line
- Telegraph line
- Telephone line
- Power line
- Pipe line
- Aqueduct
- Railroad
- Tramway
- Wire rope conveyor
- Wagon road
- Secondary or private road
- Pack trail
- Foot trail
- Fire line
- Fence
- Ditch
- Flume
- Slide
- Log driving route
- Rollway
- Skidway
- Bridge
- Ferry
- Ford
- Experimental nursery (area)
- Experimental nursery (location)
- Permanent nursery (area)
- Permanent nursery (location)
- Forested by natural seeding
- Forested by artificial seeding } For planting maps
- Forested by planting
- Location of Silvical experiments
- Corral
- Supervisor's headquarters
- Ranger's headquarters, no house
- Ranger's headquarters, with house
- House
- Railroad station
- Stage station
- Power station
- Hotel
- Store
- School
- Church
- Cemetery
- TEL. Telegraph office
- TLP. Telephone office
- Cabin
- Dairy
- Logging camp
- Sawmill, portable
- Sawmill, stationary
- Grist mill
- Grist and sawmill
- Apiary
- Windmill
- Well
- Quarry or gravel pit
- Mine location, unpatented
- Mine shaft
- Triangulation station
- × B.M. 1232 Bench mark.

ALPHA-NUMERIC SYMBOLS FOR WESTERN COMMERCIAL TREE SPECIES

These will be used on maps, where limited space makes necessary, in the following manner:

DI29=Pseudotsuga taxifolia, average stand 29,000 B.M. per acre

Q6I2=Quercus agrifolia, average stand 12 cords per acre

T67=Thuja plicata, average stand 7 tele-poles per acre

PO	Pinus contorta (murrayana)	Lodgepole Pine
I	flexilis	Limber Pine
2	monticola	Western White Pine
3	lambertiana	Sugar Pine
4	ponderosa	Yellow Pine
5	coulteri	Coulter Pine
6	sabiniana	Gray Pine
7	jeffreyi	Jeffrey Pine
8	radiata	Monterey Pine
9	attenuata	Knobcone Pine
B2	strobiformis	Mexican White Pine
5	albicaulis	White-bark Pine
6	torreyana	Torrey Pine
7	edulis	Pinon
9	monophylla	Single-leaf Pinon
AI	Abies magnifica	Magnificent Fir
2	concolor	White Fir
3	shastensis	Shasta Fir
4	nobilis	Noble Fir
5	lasiocarpa	Alpine Fir
6	grandis	Lowland Fir
7	arizonica	Arizona Cork Fir
8	amabilis	Lovely Fir
9	venusta	Bristle-cone Fir
S2	Picea engelmanni	Engelmann Spruce
3	parryana	Blue Spruce
5	breweriana	Weeping Spruce
6	sitchensis	Sitka Spruce
DI	Pseudotsuga taxifolia	Douglas Fir (Red)
5	macrocarpa	Bigcone Spruce
H5	Tsuga mertensiana	Black Hemlock
6	heterophylla	Western Hemlock
RI	Sequoia sempervirens	Redwood
5	washingtoniana	Bigtree
C5	Chamæcyparis nootkatensis	Yellow Cedar
6	lawsoniana	Port Orford Cedar
T6	Thuja plicata	Red Cedar
L5	Larix lyallii	Alpine Larch
7	occidentalis	Western Larch
O5	Libocedrus decurrens	Incense Cedar
K5	Cupressus macnabiana	Macnab Cypress
6	macrocarpa	Monterey Cypress
7	arizonica	Arizona Cypress
8	goveniana	Gowen Cypress
JI	Juniperus utahensis	Utah Juniper
2	pachyphlœa	Alligator Juniper
4	occidentalis	Western Juniper
5	sabinoides	Mountain Juniper
7	californica	California Juniper
9	monosperma	One-seed Juniper
QO	Quercus chrysolepis	Canyon Live Oak
I	californica	California Black Oak
2	lobata	California White Oak
3	douglasii	Blue Oak
4	garryana	Pacific Post Oak
5	wislizeni	Highland Oak
6	agrifolia	California Live Oak
7	gambelii	Gambel Oak
8	densiflora	California Tanbark Oak
9	engelmanni	Engelmann Oak
M2	Acer macrophyllum	Oregon Maple
5	glabrum	Dwarf Maple
9	negundo californicum	California Boxelder
WO	Populus trichocarpa	Black Cottonwood
2	fremontii	Fremont Cottonwood
5	tremuloides	Aspen
7	angustifolia	Narrowleaf Cottonwood
FI	Fraxinus pennsylvanica	Red Ash
6	oregona	Oregon Ash
8	lanceolata	Green Ash
UI	Prunus demissa	Western Choke Cherry
Y7	Platanus wrightii	Arizona Sycamore
8	racemosa	California Sycamore
XO	Salix lasiandra	Western Black Willow
2	sessilifolia	Silverleaf Willow
9	amygdaloides	Almondleaf Willow

U.S. Improvements made by the United States are marked U. S.

Proposed improvements are shown by the appropriate sign and designated by "Proposed" on the margin of the maps

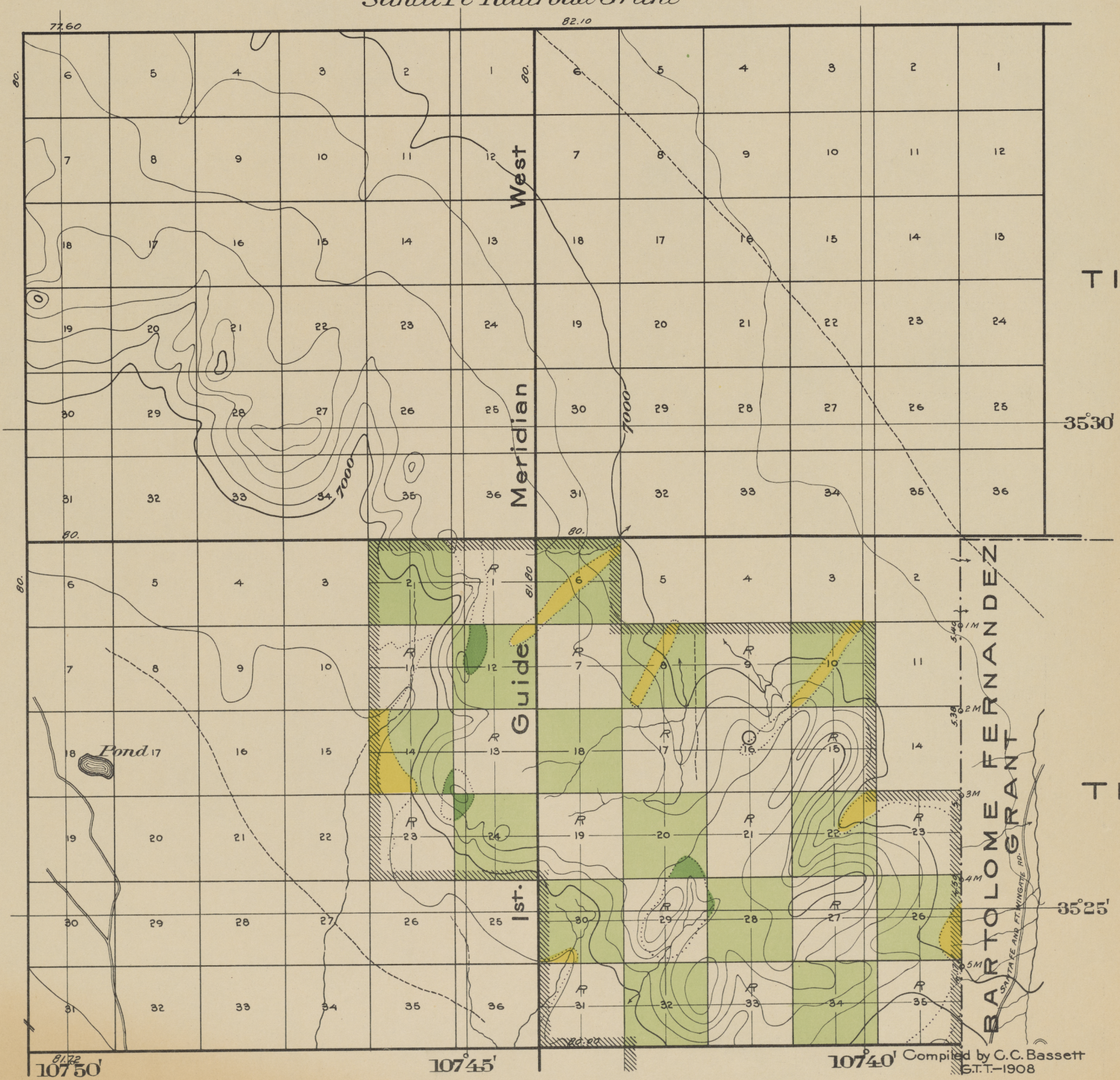
Abandoned improvements are shown by zeros O O O O and designated on the margin of the maps

Additional buildings may be shown by using the house sign (▬) with a written designation; thus:

- ▬ Slaughter house
- ▬ Livery barn
- ▬ Sanatarium

etc., etc.

All within primary limits of
Santa Fe Railroad Grant



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MANZANO
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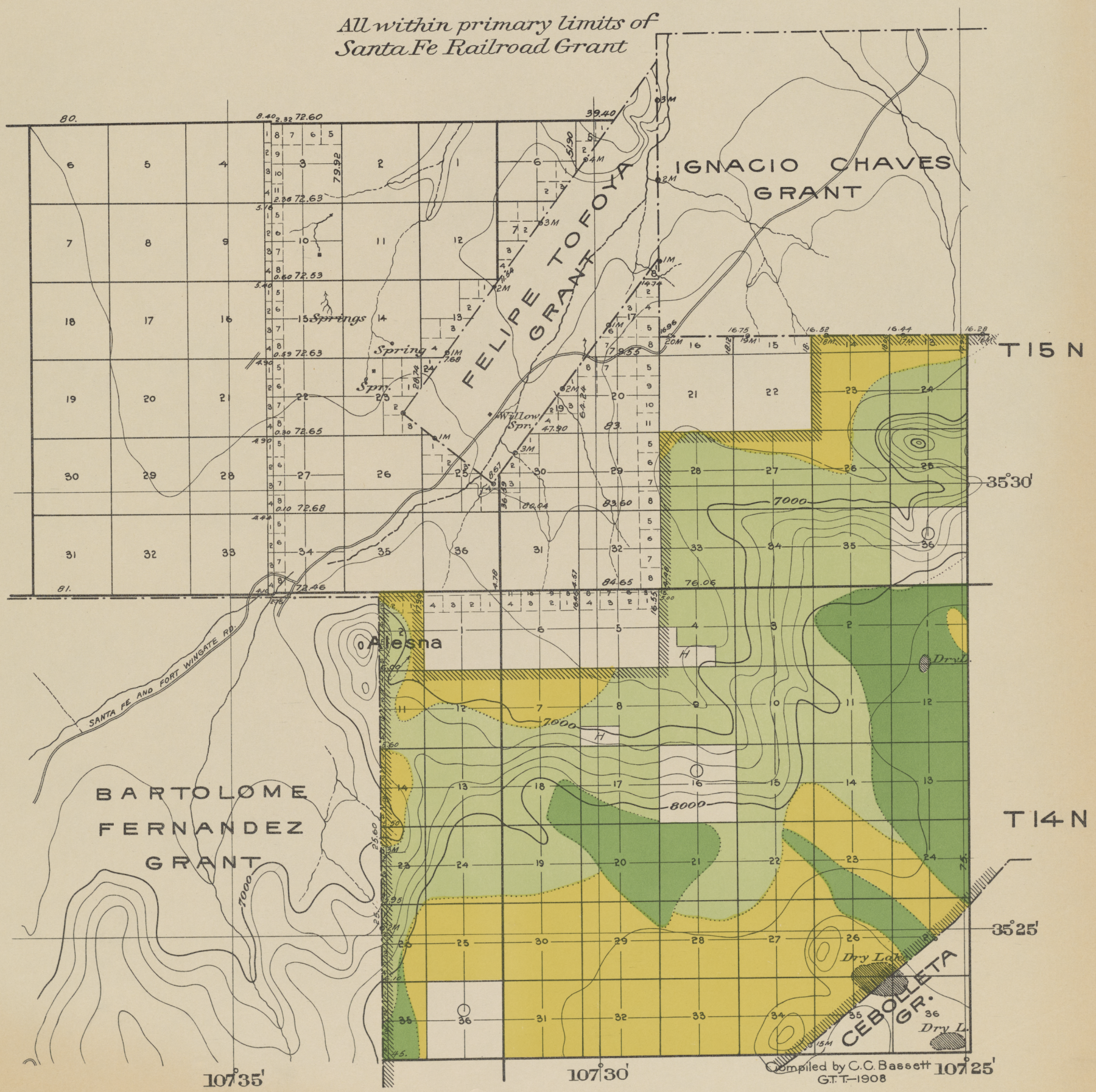
NEW MEXICO PRIN. MERIDIAN



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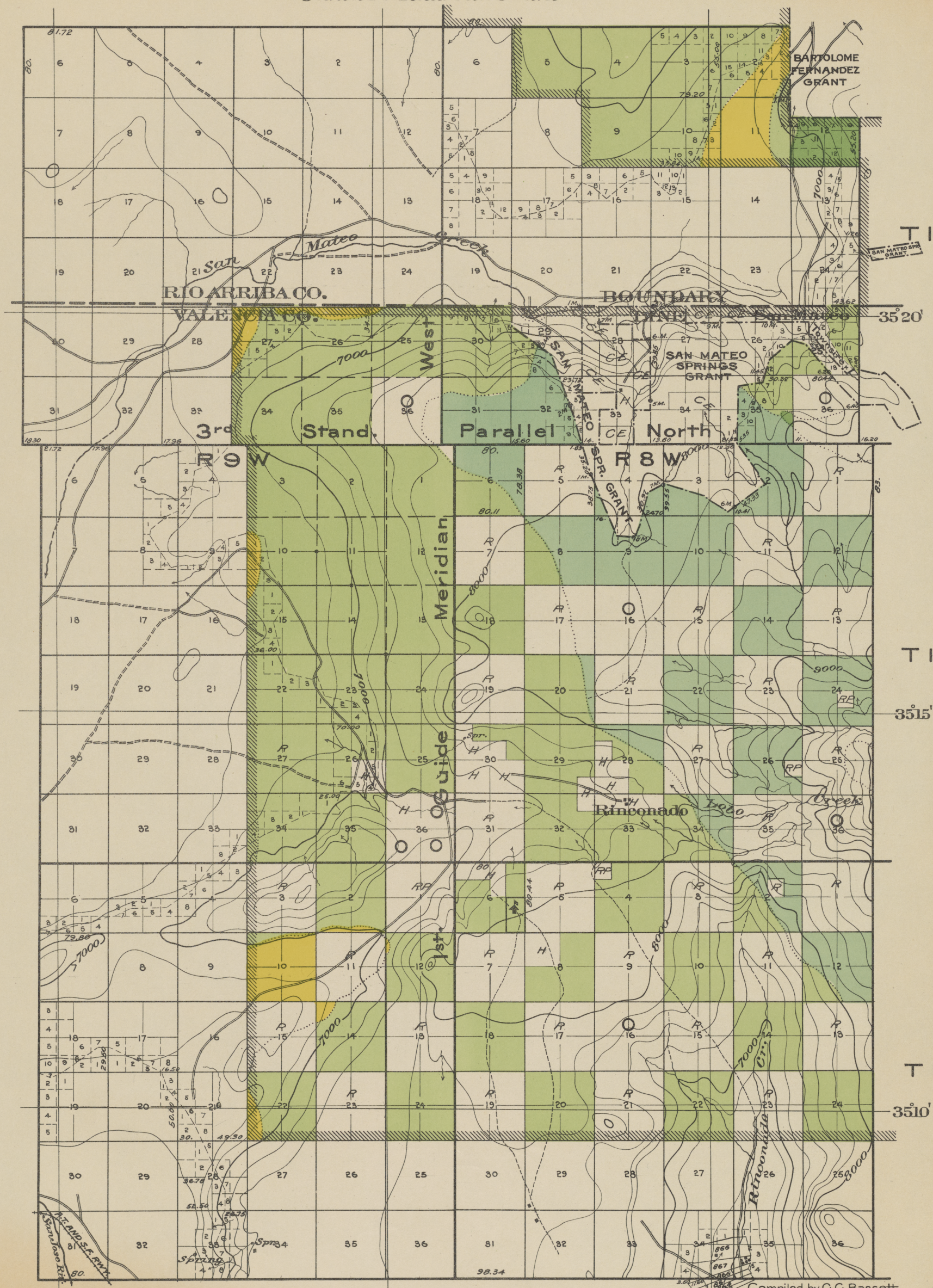

MANZANO
PART 2

NEW MEXICO PRIN. MERIDIAN

All within primary limits of Santa Fe Railroad Grant

BARTOLOME FERNANDEZ GRANT

SAN MATEO SPRINGS GRANT

RIO ARRIBA CO.
VALENCIA CO.

BOUNDARY LINE

GRANT

CEBOLLETA GRANT

PAGUATE GRANT

3rd Std Parallel N.

R 6 W

R 7 W

T 13 N

T 12 N

T 11 N

35°20'

35°15'

35°10'

107°35'

107°30'

107°25'

Mt Taylor 11389

Pond

Zero Corner

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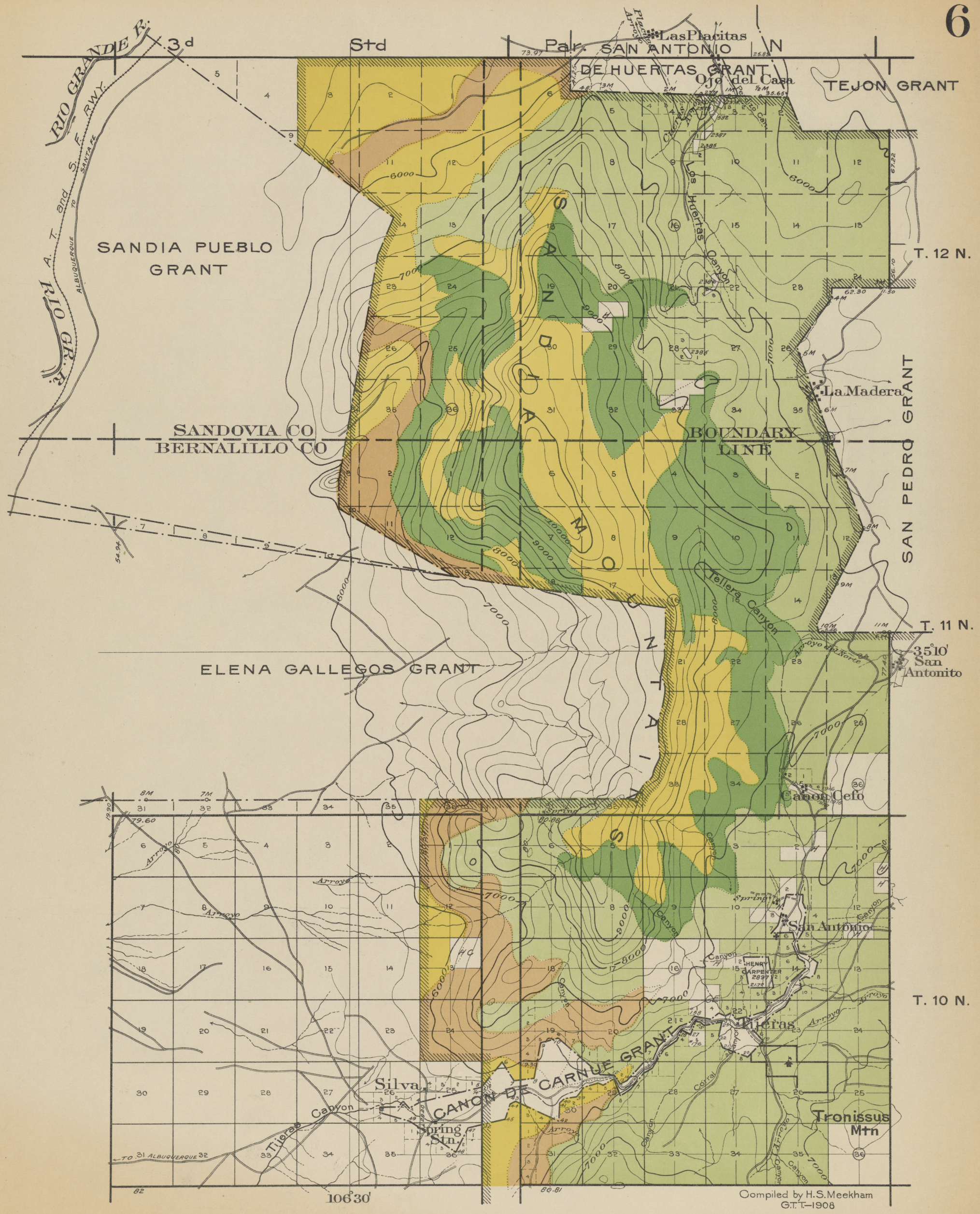
R7W R6W

MANZANO
PART 2
NEW MEXICO PRIN. MERIDIAN



MANZANO
PART I
NEW MEXICO PRIN. MERIDIAN

3d Std Par. N

TEJON GRANT

ORTIZ MINE GRANT

BOUNDARY LINE

SAN PEDRO GRANT

CANON DEL AGUA GRANT

SANDOVIA CO.

BERNALILLO CO.

SANTA FE CO.

SAN PEDRO MTNS

SAN ISIDRO MTNS

South Mtn

Golden Little Tuerto Mtn

Alamillo

San Pedro

San Antonio

Sadillo

Canyon

Jaquason

Uña de Gato

Canyon del Agua

San Pedro Arroyo

Palo Aguarillo Arroyo

Cuchillo Negro Arroyo

San Pedro Arroyo

ALBUQUERQUE

LAS VEGAS

OLD GOVT. ROAD

Well

T. 12 N.

T. 11 N.

T. 10 N.

35°10'

106°10'

106°20'

R. 6 E.

R. 7 E.

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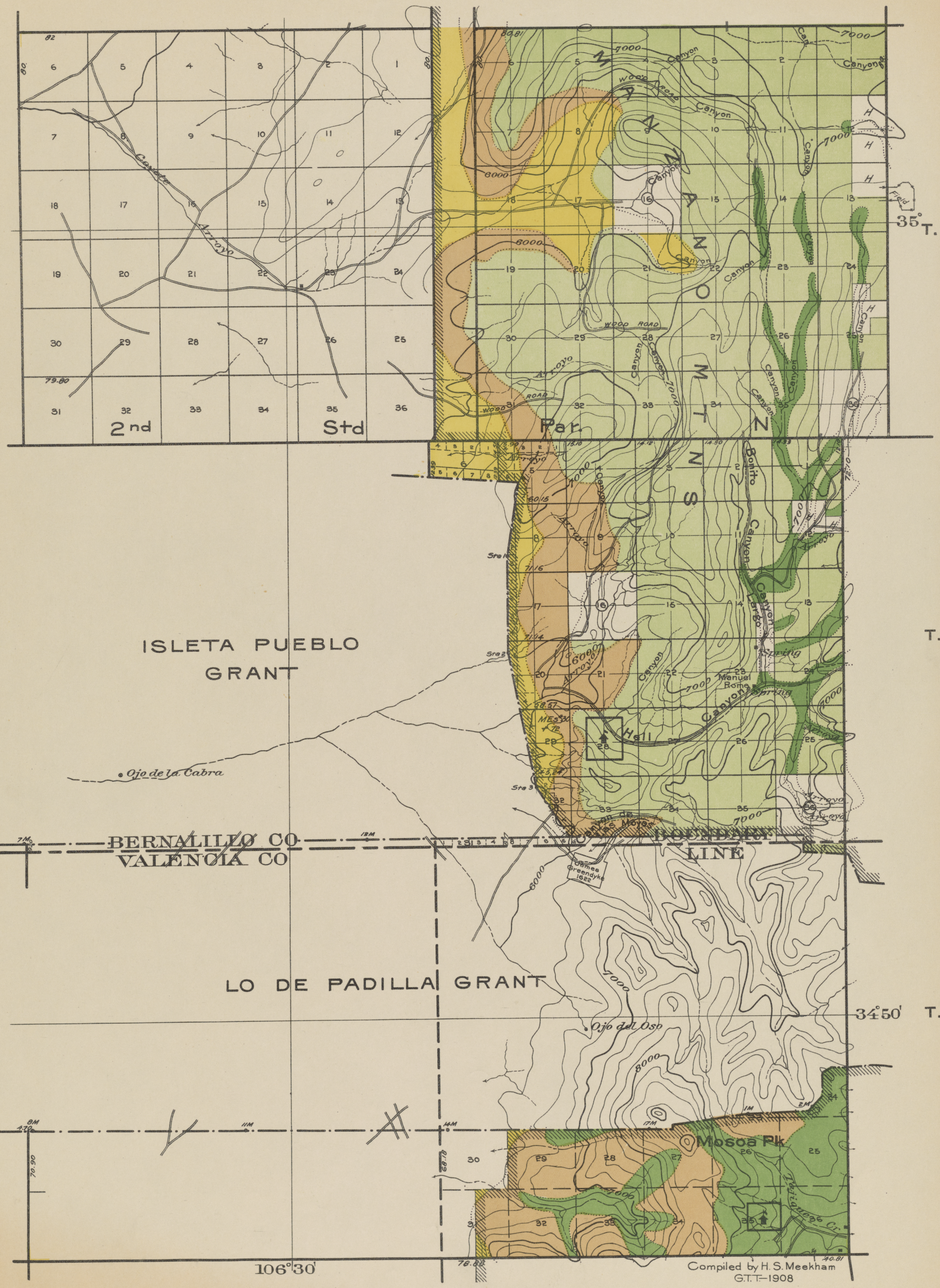
G.T.T.-1908

MANZANO
PART I
NEW MEXICO PRIN. MERIDIAN


MANZANO MTNS
2nd Std
Par.
Coyote Arroyo
Wood's Road
WOOD ROAD
Canyon
Spring
Hell Canyon
Manuel Romero Spring
Bonito Canyon
Mesa Pk
Tejiqueza Cr.
James Greendyke 1822
ISLETA PUEBLO GRANT
LO DE PADILLA GRANT
BERNALILLO CO
VALENCIA CO
BOUNDARY LINE
Ojo de la Cabra
Ojo del Osp
35°
34°50'
T. 9 N.
T. 8 N.
T. 7 N.
106°30'
R. 4 E.
R. 5 E.
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G.T.T.—1908
MANZANO
PART I
NEW MEXICO PRIN. MERIDIAN

106°20'

106°10'

35°

34°50'

T. 9 N.

T. 8 N.

T. 7 N.

R. 6 E.

R. 7 E.

SANTA FE CO

BERNALILLO CO

BERNALILLO CO

VALENCIA CO

2nd Std Par N BOUNDARY LINE

CHILILI GRANT

BOUNDARY LINE

ANTONIO SANDOVAL GRANT

LO DE PADILLA GRANT

Ojo Sabina Arroyo

Henry Carpenter Rancho and Spring

Arroyo Cañada de Ortiz

Arroyo

Canyon

Lake

NEW ROAD

Yrisarri Arroyo

Spring

Dolores Alfaro's

Blas Lucero

Cerrito Martines Rancho

Ojo de Indio

John Irwin

Harry H. Gray

Charlies Spring

Rancho of W.H. Henrie

Hell Canyon

Ojo del Osso

Chilili

Rancho de Medio

Arroyo de la Perra

Trajique Cr.

Spring

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MANZANO
PART I
NEW MEXICO PRIN MERIDIAN

106°30'

Rancho

Rancho

Rancho
Ojoelos Spring
(Cottonwoods)

Bosque Pk
9258

Spring

Castillas Ranch

Canyon

Comanche

Capillo Pk

Ojo de la Casa

Ojo de Frijoles

TOME GRANT

Osha Pk

Manzano Mtn

1st Stand. Parallel N.

CASA COLORADO GRANT

East View

MANZANO GRANT

T. 6 N.

T. 5 N.

T. 4 N.

34°40'

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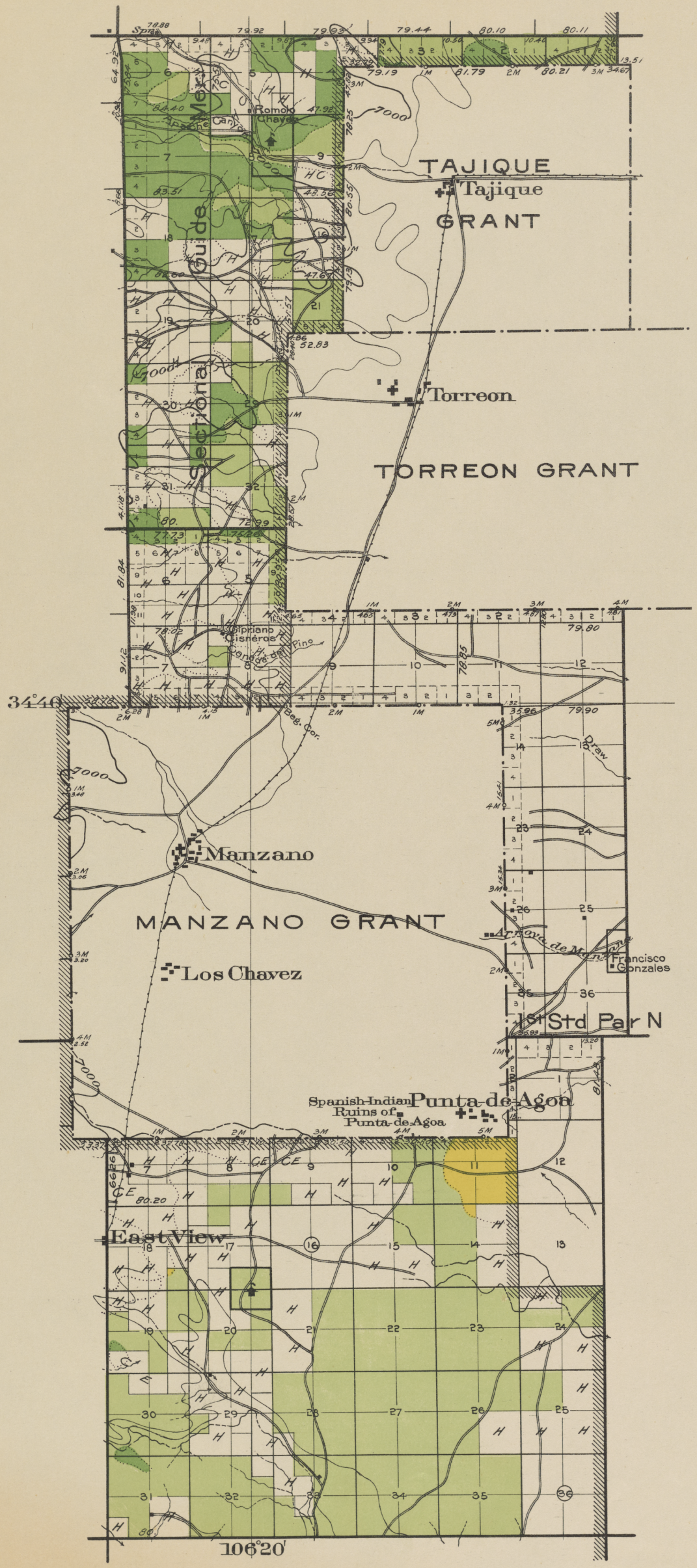
R. 4 E.

R. 5 E.

MANZANO
PART I
NEW MEXICO PRIN. MERIDIAN



T. 6 N.

T. 5 N.

T. 4 N.

R. 6 E.

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MANZANO
PART I
NEW MEXICO PRIN. MERIDIAN

106°20'

Mountainair

34°30'

T. 2 N.

T. 3 N.

CASA COLORADO GRANT

NEW MEXICO

Aragon

Spanish Indian Abo Ruins

EAST

ABO PASS

Ramon Castillo

VALENCIA CO
SOCORRO CO

BOUNDARY LINE

Montez's Spring

ARROYO

R. 6 E.

R. 5 E.

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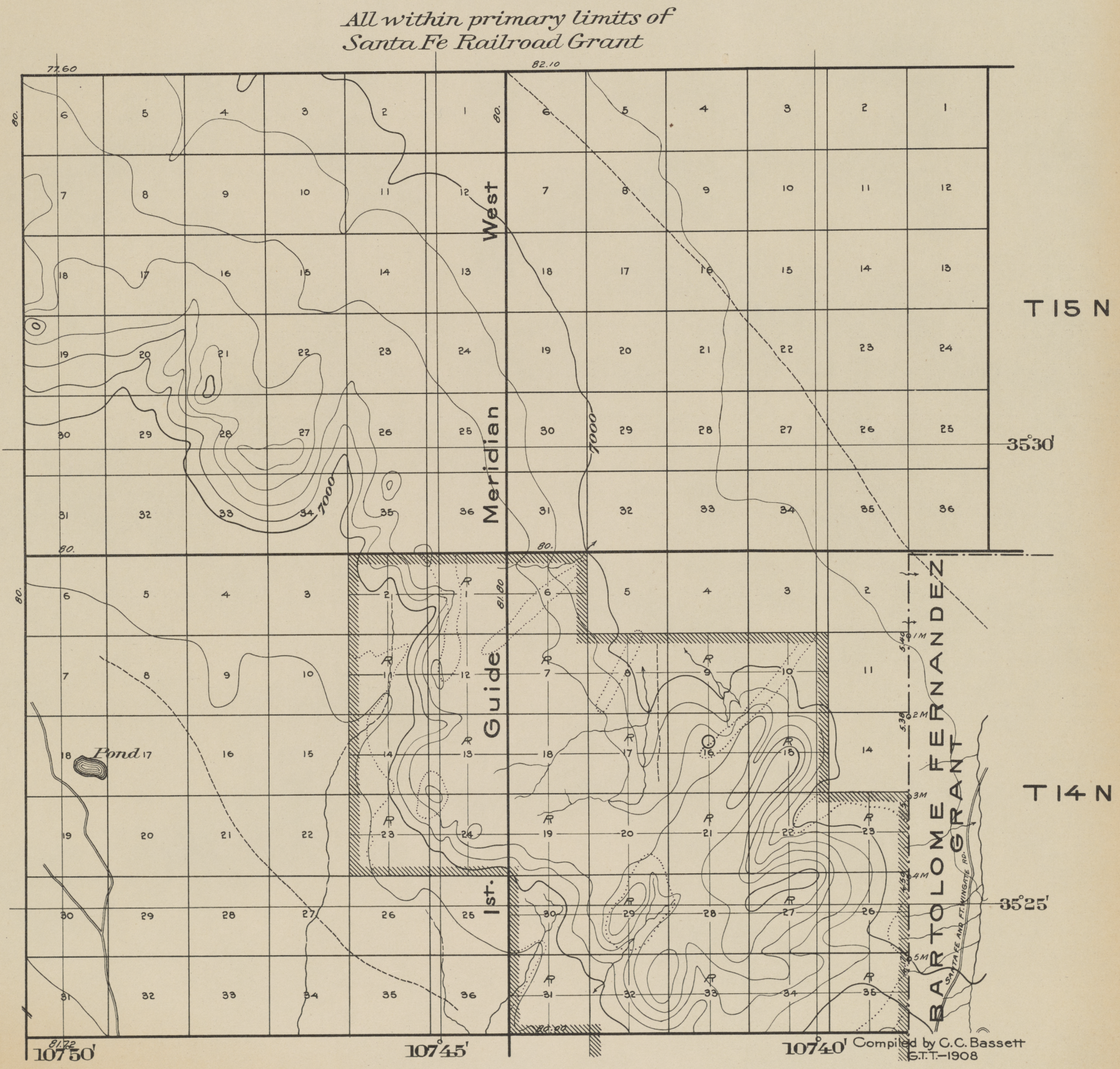
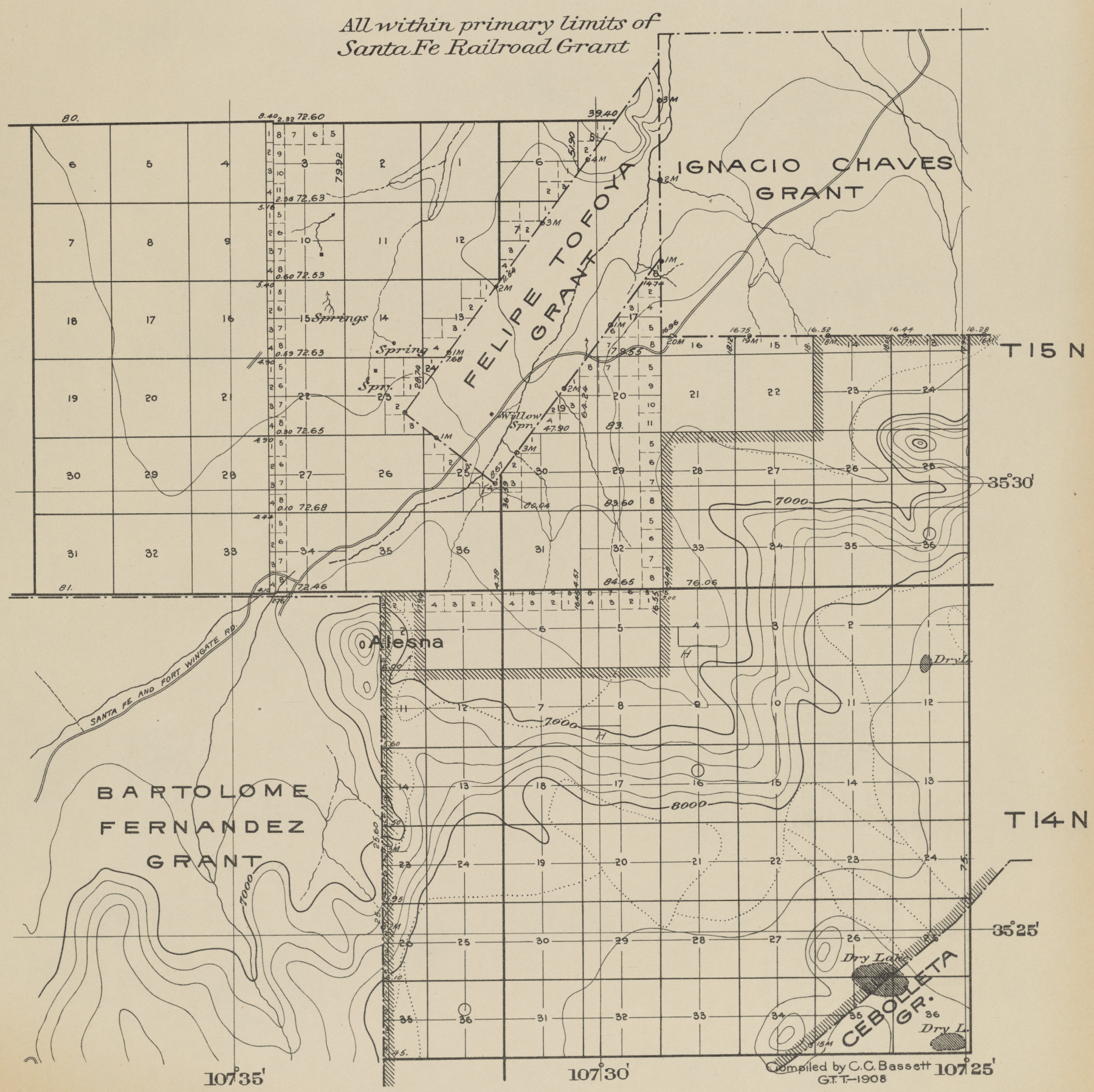
MANZANO
PART I
NEW MEXICO PRIN. MERIDIAN

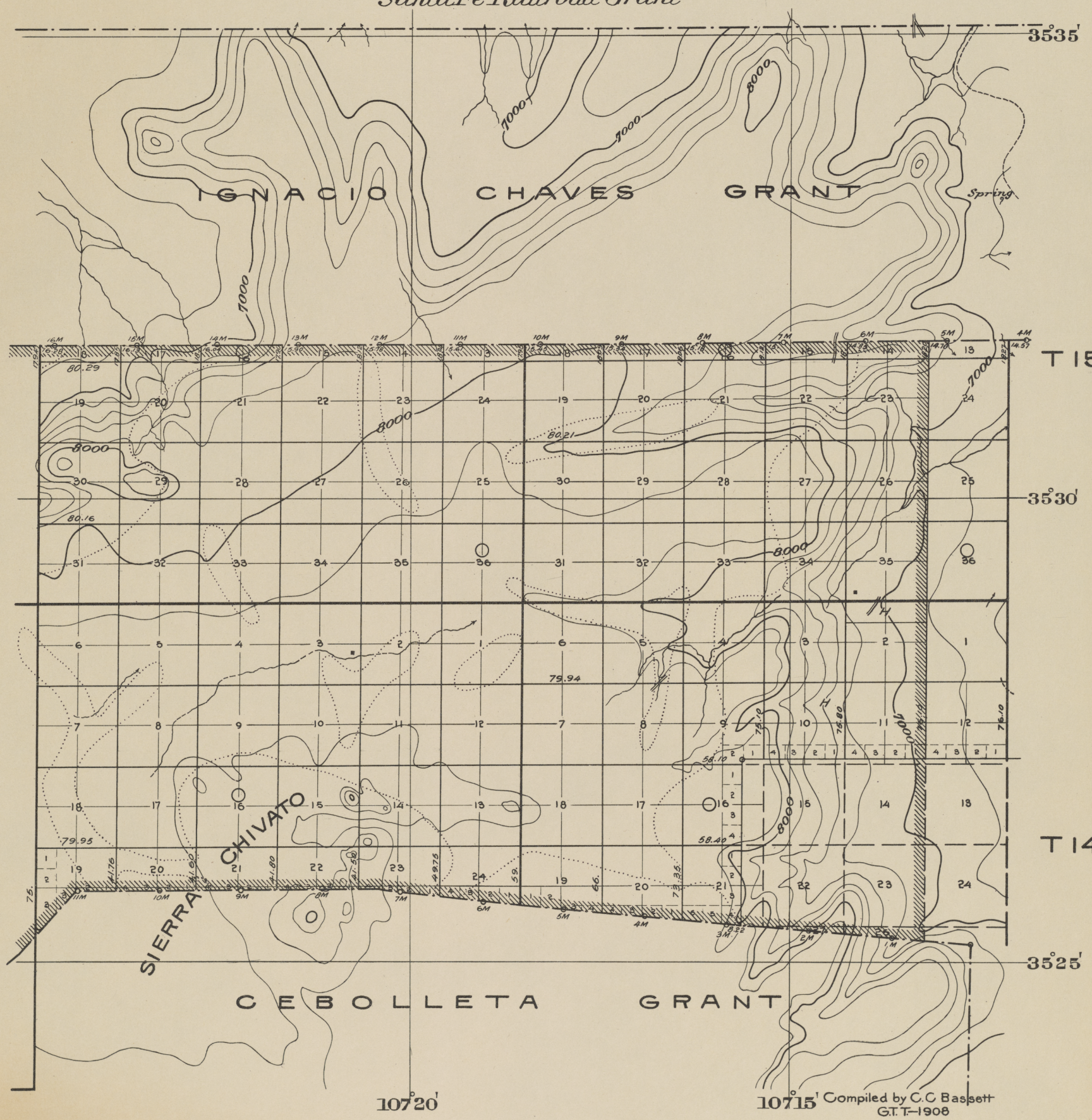


MANZANO
PART 2
NEW MEXICO PRIN. MERIDIAN



MANZANO
PART 2
NEW MEXICO PRIN. MERIDIAN

All within primary limits of
Santa Fe Railroad Grant



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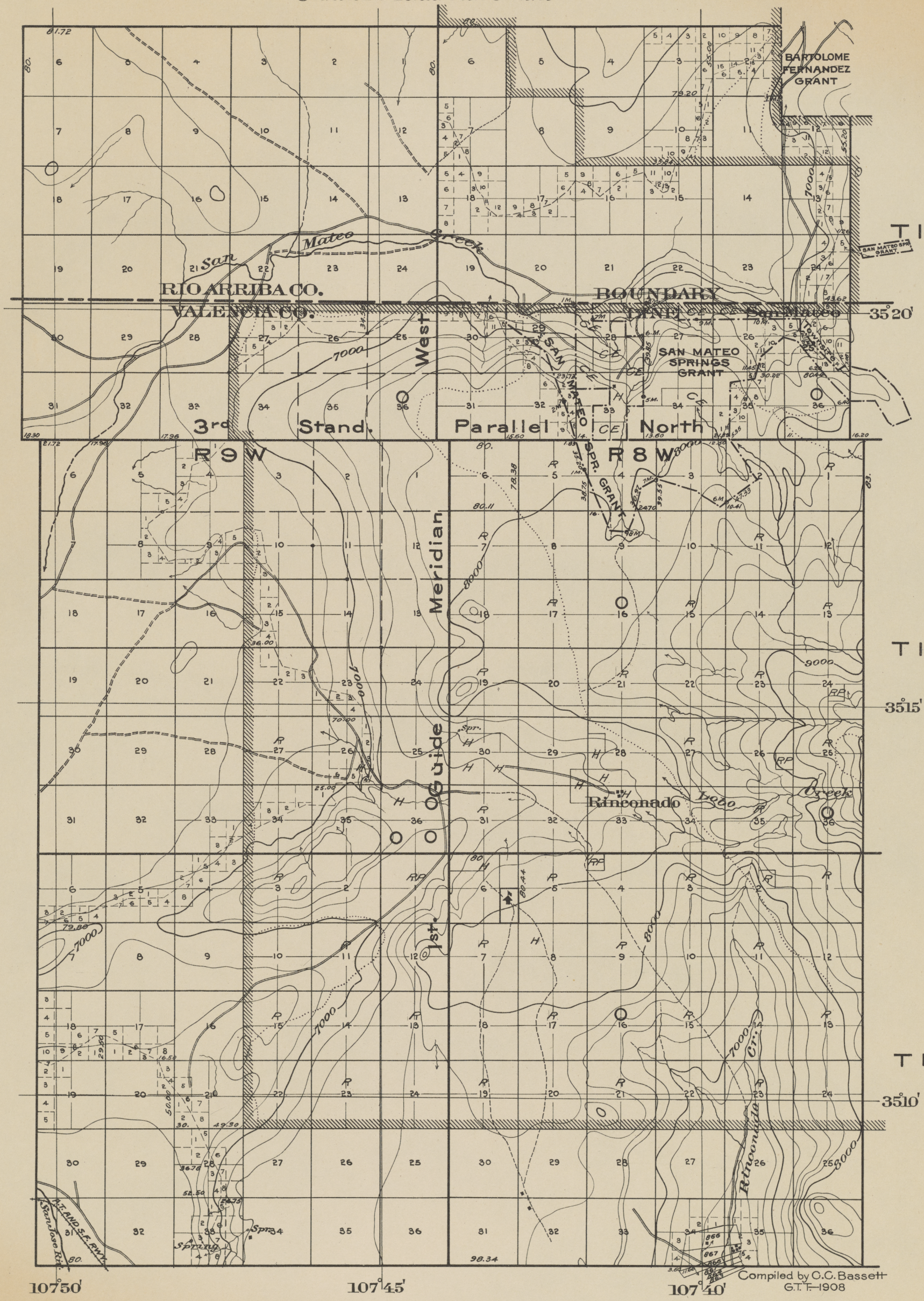
All within primary limits of Santa Fe Railroad Grant



MANZANO
PART 2

NEW MEXICO PRIN. MERIDIAN

All within primary limits of Santa Fe Railroad Grant

BARTOLOME FERNANDEZ GRANT

SANTA ANA MESA GRANT

SAN ISIDRO GRANT

SAN LUCAS GRANT

SANTA ANA GRANT

SAN MATEO SPRINGS GRANT

RIO ARRIBA CO.
VALENCIA CO.

BOUNDARY LINE

3rd Std Parallel N.

R 6 W

R 7 W

T 13 N

T 12 N

T 11 N

35°20'

35°15'

35°10'

107°35'

107°30'

107°25'

Mt Taylor
11389'

Pond

Zero Corner

CEBOLLETA GRANT

PAGUATE GRANT

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G.T.T.—1908

R7W R6W

MANZANO
PART 2

NEW MEXICO PRIN. MERIDIAN

RIO GRANDE R.

A. T. and S. F. RWY.

ALBUQUERQUE TO SANTA FE

RIO GR.R.

3d Std Par.

SAN ANTONIO DE HUERTAS GRANT

Las Placitas

Ojo del Casa

TEJON GRANT

SANDIA PUEBLO GRANT

Los Huertas Canyon

T. 12 N.

SANDOVIA CO
BERNALILLO CO

BOUNDARY LINE

La Madera

SAN PEDRO GRANT

ELENA GALLEGOS GRANT

Tellera Canyon

T. 11 N.

Arroyo del Norte

San Antonito

Canon Cefo

San Antonio

HENRY CARPENTER

T. 10 N.

Tijeras

CANON DE CARNUE GRANT

Silva

Spring Stn.

Tijeras Canyon

TO ALBUQUERQUE

Tronissus Mtn

106°30'

35°10'

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R. 4 E.

R. 5 E.

MANZANO
PART I

NEW MEXICO PRIN. MERIDIAN

3d Std Par. N

TEJON GRANT

ORTIZ MINE GRANT

CANON DEL AGUA GRANT

SAN PEDRO GRANT

BOUNDARY LINE

SANTA FE CO.

SANDOVIA CO. BERNALILLO CO.

SAN PEDRO MTNS

SAN ISIDRO MTNS

South Mtn

Golden Little Tuerto Mtn

Mamillo

San Pedro

Canyon del Agua

San Pedro Arroyo

Pala Amarillo Arroyo

Cuchillo Negro Arroyo

Tia de Gato

Pano Montano 2222

R.M. Carley 2221

B. Gurule 2238

San Antonito

San Pedro Arroyo

Las Vegas

Albuquerque

Road from

Old Govt.

Sadillo

Well

Canyon

Jackson

Arroyo

T. 12 N.

T. 11 N.

T. 10 N.

35°10'

106°20'

106°10'

R. 6 E.

R. 7 E.

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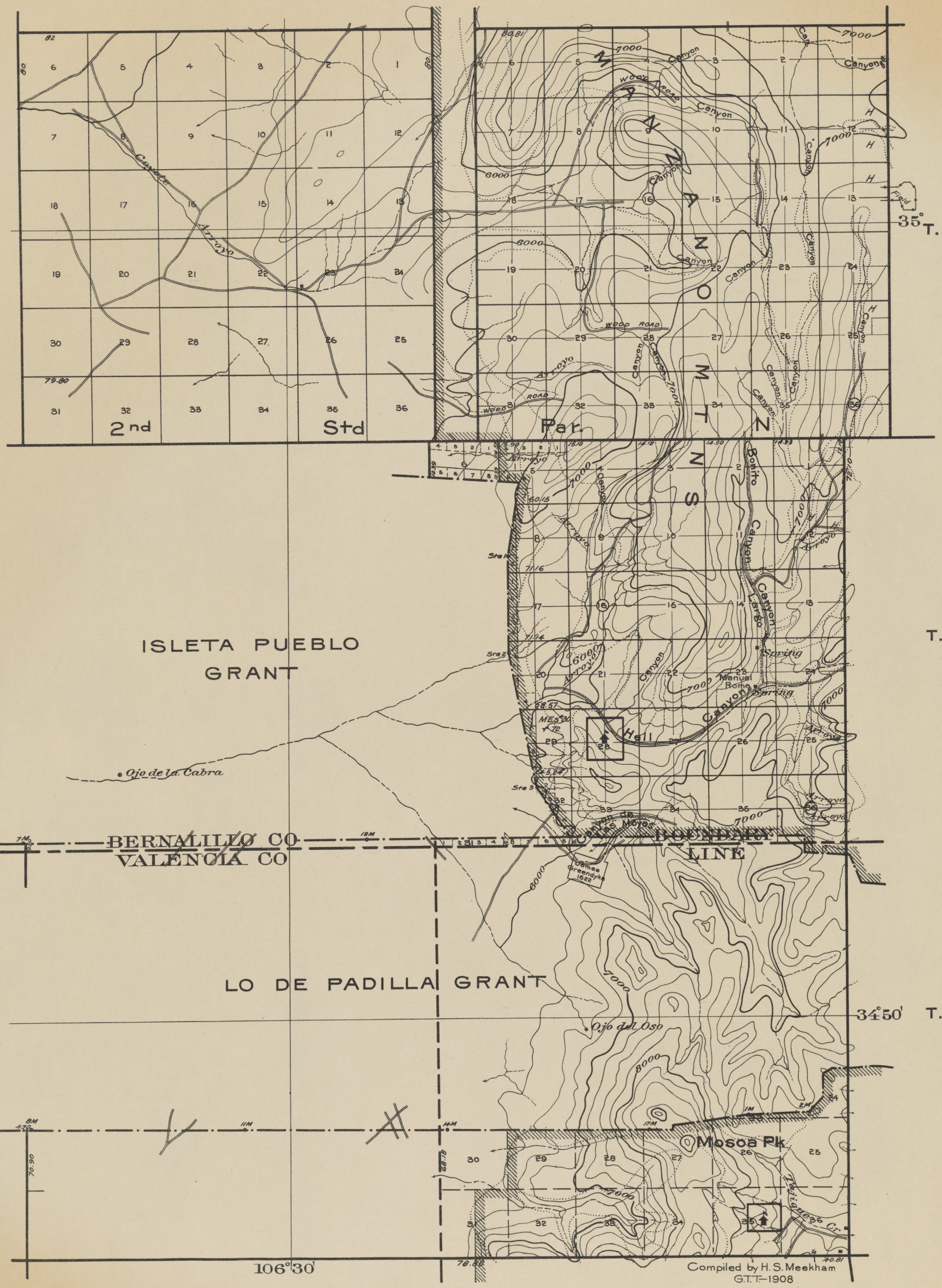
MANZANO MTNS
2nd Std Par.
ISLETA PUEBLO GRANT
LO DE PADILLA GRANT
BERNALILLO CO
VALENCIA CO
BOUNDARY LINE
Ojo de la Cabra
Ojo del Oso
Mosca Pk
Bonito Canyon
Wood Road
Arroyo
Canyon
Spring
Manuel Romo Spring
Hell
Field
Cemetery
Tejiniega Cr.
35°
T. 9 N.
T. 8 N.
34°50'
T. 7 N.
106°30'
R. 4 E.
R. 5 E.
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MANZANO
PART I
NEW MEXICO PRIN. MERIDIAN

106°20'

106°10'

35°

34°50'

T. 9 N.

T. 8 N.

T. 7 N.

R. 6 E.

R. 7 E.

SANTA FE CO
BERNALILLO CO

2nd Std Par N

BOUNDARY LINE

BERNALILLO CO
VALENCIA CO

CHILILI GRANT

BOUNDARY LINE

ANTONIO SANDOVAL GRANT

LO DE PADILLA GRANT

Ojo Salina Arroyo

Henry Carpenter Rancho and Spring

Arroyo of San Jose

Arroyo Canada de Ortiz

Arroyo of Galleo

Lake

Spring

Dolores Alfaro's Rancho

Cecelia Martines Rancho

Blas Lucero

Ojo Yrisarri Arroyo

NEW ROAD

Ojo de Indio

John Irwin

Harry H. Wray

Charlie's Spring

Rancho of W.H. Henrie

Ojo del Oso

Chilili

Rancho de Medio

Arroyo Conejo de la Tierra

Spring

Tajique Cr.

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MANZANO
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106°30'

Rancho

Rancho

Rancho
Ojoelos Spring
(Cottonwoods)

Bosque Pk

9258

Spring

Castillas Ranch

Canyon

Comanche

Capillo Pk

Ojo de la Casa

Ojo del Spring

TOME GRANT

Osha Pk

Manzano Mtn

1st Stand. Parallel N.

CASA COLORADO GRANT

East View

MANZANO GRANT

T. 6 N.

T. 5 N.

T. 4 N.

34°40'

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R. 4 E.

R. 5 E.

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PART I
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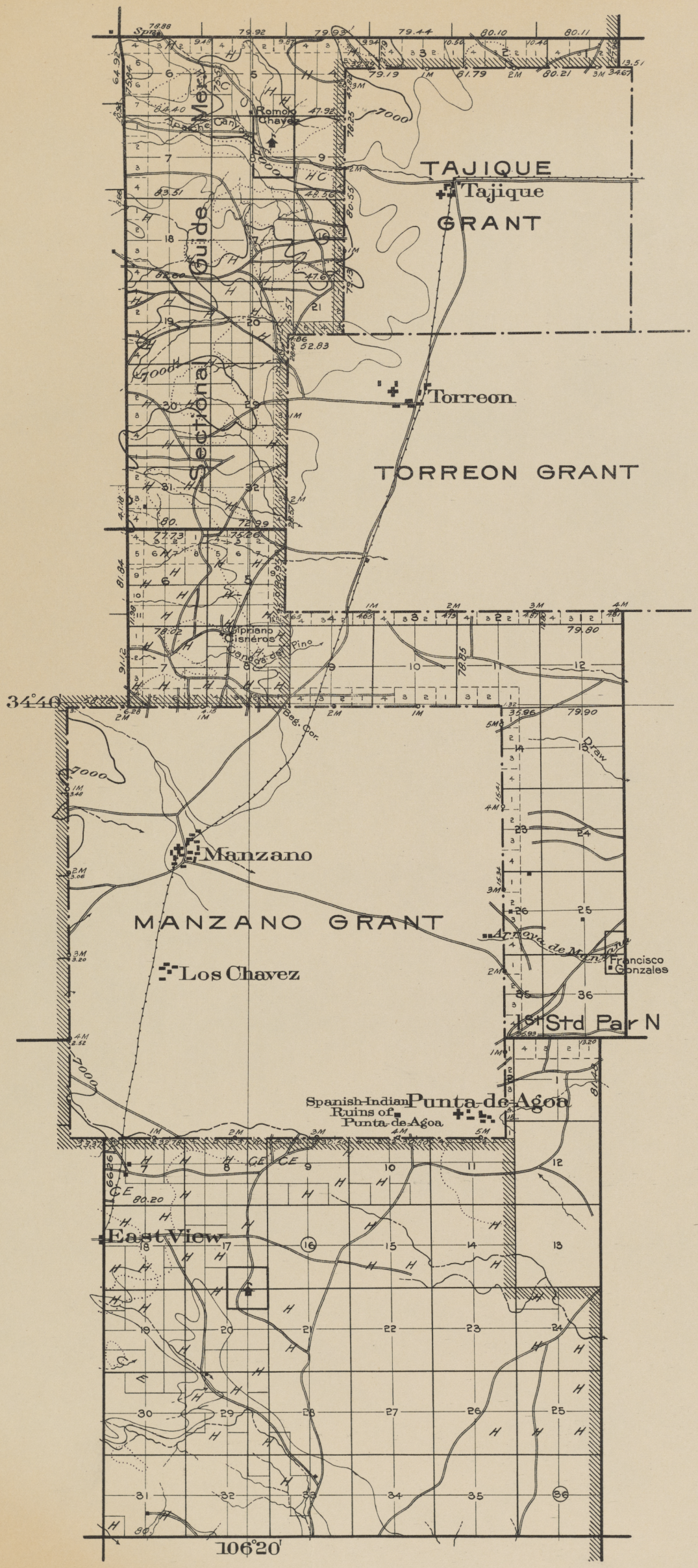

T. 6 N.

T. 5 N.

T. 4 N.

R. 6 E.

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G.T.T.—1908

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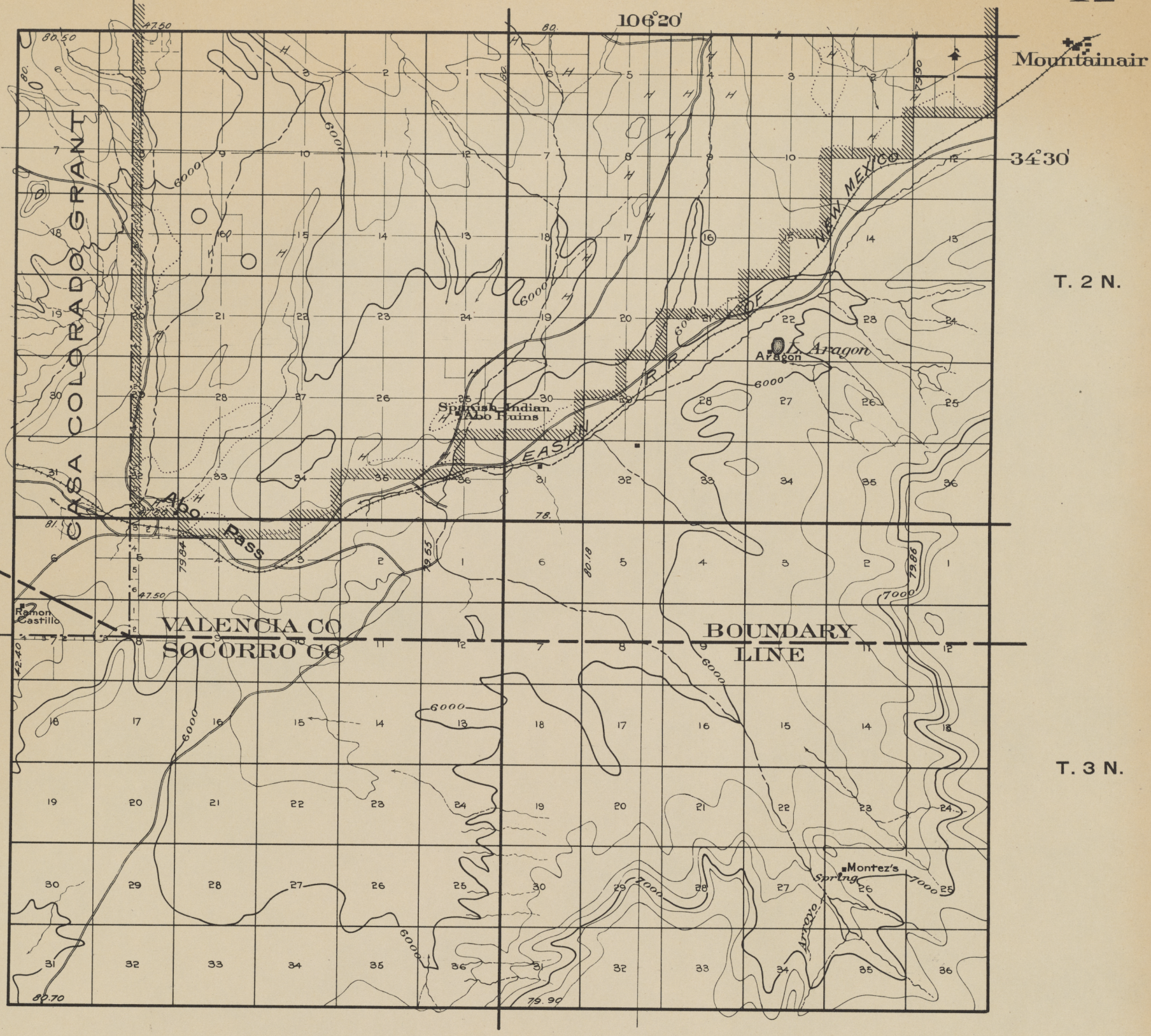

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